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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/917,947

07/31/2001

Guido Kersten

KERS3001/JEK

1529

23364

7590

11/17/2006

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EXAMINER

KANG, INSUN

ART UNIT

PAPER NUMBER

2193

DATE MAILED: 11/17/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/917,947

Applicant(s)

KERSTEN ET AL.

Examiner

Insun Kang

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 10 April 2006.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1, 2 and 4-7 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1, 2, and 4-7 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### **DETAILED ACTION**

1. This action is in response to the Appeal Brief filed 4/10/2006.
2. In view of the appeal brief filed on 4/10/2006, prosecution is hereby reopened. New grounds of rejection are introduced below. To avoid abandonment of the application, appellant must exercise one of the following two options:
  - (1) file a reply under 37 CFR 1.111 (if this Office action is non-final) or a reply under 37 CFR 1.113 (if this Office action is final); or, (2) request reinstatement of the appeal. If reinstatement of the appeal is requested, such request must be accompanied by a supplemental appeal brief, but no new amendments, affidavits (37 CFR 1.130, 1.131 or 1.132) or other evidence are permitted.

The previous office action has been withdrawn. Claims 1, 2, and 4-7 are pending in the application.

### ***Information Disclosure Statement***

3. The IDS filed on 11/20/2001 had been considered. Neither English explanation of the relevance nor written English translation for the foreign references had been provided. Therefore, it is considered that the foreign references submitted do not disclose subject matters that support a holding of any rejections to patentability.

### ***Claim Rejections - 35 USC § 102***

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

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(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 1, 2, and 4-7 are rejected under 35 U.S.C. 102(b) as being anticipated by Mazur (US Patent 5,909,502).

Per claim 1:

Mazur discloses:

A bank note processing machine comprising (i.e. "currency handling machines," col. 1 lines 5-10)

-sensors, a transport system including a singling unit and at least one stacking unit, an input/output device, and a control device with an associated memory which controls the elements of the bank note processing machine by means of software and/or data stored in the memory (i.e. see fig 1-2)

- an interface which makes it possible to couple memory systems of different kinds to the bank note processing machine in order to alter, supplement or replace the software and/or data stored in the memory; wherein the memory system has a drive and a storage medium which are suitable for optical and/or magnetic recording (i.e.

"The flash card 40 contains its own memory which is adapted to be pre-programmed with updated software reflecting... the most recent magnetic or optical characteristics of the currency denominations to be evaluated, the most recent operating code for the currency discrimination machine 10, or an operating code associated with one of the modes of operation ... Similar to the resident memory, the flash card memory need not be a flash memory but may be comprised of any of several other types of memor... [ie]s

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known in the art," col. 7 lines 53-67; "The FlashLite card has... connector interface compatible with the ... PCMCIA industry standards," col. 8 lines 13-40)

wherein the transport system transports single bank notes singled by the singling unit along the sensors to the at least one stacking unit according to an evaluation of data obtained by the sensors by the control device (i.e. see fig 2) as claimed.

Per claim 2:

The rejection of claim 1 is incorporated, and further, Mazur teaches:

wherein that the interface is a standardized interface, in particular according to PCMCIA (i.e. col. 8 lines 13-40) as claimed.

Per claim 4:

The rejection of claim 1 is incorporated, and further, Mazur teaches:

wherein the memory has a nonvolatile area, and after coupling of the memory system to the interface the software and/or data stored in the memory system are stored in the nonvolatile area (i.e. col. 7 lines 53-67; col. 8 lines 13-40) as claimed.

Per claim 5:

The rejection of claim 1 is incorporated, and further, Mazur teaches:

wherein that the memory has a volatile area, and after coupling of the memory system to the interface the software and/or data stored in the memory system are stored in the volatile area (i.e. col. 7 lines 53-67; col. 8 lines 13-40) as claimed.

Per claim 6:

The rejection of claim 1 is incorporated, and further, Mazur teaches: wherein data obtained in the bank note processing machine during operation are stored in the memory system (i.e. col. 7 lines 53-67; col. 8 lines 13-40) as claimed.

Per claim 7:

The rejection of claim 1 is incorporated, and further, Mazur teaches: wherein the software and/or data stored in the memory system are stored in encoded form, and the controller is set up to decode the encoded software and/or data (i.e. col. 7 lines 53-67; col. 8 lines 13-40) as claimed.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Insun Kang whose telephone number is 571-272-3724.

The examiner can normally be reached on M-R 6:30-5 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kakali Chaki can be reached on 571-272-3719. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you

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have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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**KAKALI CHAKI**  
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